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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/092,138

DATE: 03/20/2002 P.6
TIME: 16:26:33

Input Set : A:\65823.app
Output Set: N:\CRF3\03202002\J092138.raw

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3 <110> APPLICANT: Sato, Taka-Aki
5 <120> TITLE OF INVENTION: METHOD OF PREPARING A PROTEIN ARRAY BASED ON
6   BIOCHEMICAL PROTEIN-PROTEIN INTERACTION
8 <130> FILE REFERENCE: 65823/JPW/PT
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/092,138
C--> 11 <141> CURRENT FILING DATE: 2002-09-06
13 <160> NUMBER OF SEQ ID NOS: 33
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 4
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: Description of Artificial
24   Sequence:source:synthesized
26 <220> FEATURE:
27 <221> NAME/KEY: SITE
28 <222> LOCATION: (1)
29 <223> OTHER INFORMATION: Xaa=Gly, Ser, Ala or Glu
31 <220> FEATURE:
32 <221> NAME/KEY: SITE
33 <222> LOCATION: (4)
34 <223> OTHER INFORMATION: Xaa=Phe, Ile or Leu
36 <400> SEQUENCE: 1
W--> 37 Xaa Leu Gly Xaa
38   1
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 9
43 <212> TYPE: PRT
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial
48   Sequence:source:synthesized
50 <220> FEATURE:
51 <221> NAME/KEY: SITE
52 <222> LOCATION: (1)
53 <223> OTHER INFORMATION: Xaa=Lys, Arg or Gln
55 <220> FEATURE:
56 <221> NAME/KEY: SITE
57 <222> LOCATION: (2)..(5)
58 <223> OTHER INFORMATION: Xaa=any amino acid, up to 2 Xaa may be missing
60 <220> FEATURE:
61 <221> NAME/KEY: SITE

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62 <222> LOCATION: (6)
63 <223> OTHER INFORMATION: Xaa=Gly, Ser, Ala or Glu
65 <220> FEATURE:
66 <221> NAME/KEY: SITE
67 <222> LOCATION: (9)
68 <223> OTHER INFORMATION: Xaa=Phe, Ile or Leu
70 <400> SEQUENCE: 2
W--> 71 Xaa Xaa Xaa Xaa Xaa Xaa Leu Gly Xaa
72      1              5
75 <210> SEQ ID NO: 3
76 <211> LENGTH: 4
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial
82      Sequence:source:synthesized
84 <400> SEQUENCE: 3
85 Ser Leu Gly Ile
86      1
89 <210> SEQ ID NO: 4
90 <211> LENGTH: 3
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial
96      Sequence:source:synthesized
98 <220> FEATURE:
99 <221> NAME/KEY: SITE
100 <222> LOCATION: (1)
101 <223> OTHER INFORMATION: Xaa=Ser or Thr
103 <220> FEATURE:
104 <221> NAME/KEY: SITE
105 <222> LOCATION: (2)
106 <223> OTHER INFORMATION: Xaa=any one amino acid
108 <220> FEATURE:
109 <221> NAME/KEY: SITE
110 <222> LOCATION: (3)
111 <223> OTHER INFORMATION: Xaa=Val, Ile or Leu
113 <400> SEQUENCE: 4
W--> 114 Xaa Xaa Xaa
115      1
118 <210> SEQ ID NO: 5
119 <211> LENGTH: 15
120 <212> TYPE: PRT
121 <213> ORGANISM: human
123 <400> SEQUENCE: 5
124 Asp Ser Glu Asn Ser Asn Phe Arg Asn Glu Ile Gln Ser Leu Val
125      1              5              10              15
128 <210> SEQ ID NO: 6

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129 <211> LENGTH: 15
130 <212> TYPE: PRT
131 <213> ORGANISM: rat
133 <400> SEQUENCE: 6
134 Ser Ile Ser Asn Ser Arg Asn Glu Asn Glu Gly Gln Ser Leu Glu
135   1           5           10           15
138 <210> SEQ ID NO: 7
139 <211> LENGTH: 15
140 <212> TYPE: PRT
141 <213> ORGANISM: mouse
143 <400> SEQUENCE: 7
144 Ser Thr Pro Asp Thr Gly Asn Glu Asn Glu Gly Gln Cys Leu Glu
145   1           5           10           15
148 <210> SEQ ID NO: 8
149 <211> LENGTH: 4
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial
155     Sequence:source:synthesized
157 <400> SEQUENCE: 8
158 Glu Ser Leu Val
159   1
162 <210> SEQ ID NO: 9
163 <211> LENGTH: 6
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence:
169     source:synthesized
171 <400> SEQUENCE: 9
172 Thr Ile Gln Ser Val Ile
173   1           5
176 <210> SEQ ID NO: 10
177 <211> LENGTH: 8
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial
183     Sequence:source:synthesized
185 <400> SEQUENCE: 10
186 Arg Gly Phe Ile Ser Ser Leu Val
187   1           5
190 <210> SEQ ID NO: 11
191 <211> LENGTH: 8
192 <212> TYPE: PRT
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Description of Artificial

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197      Sequence:source:synthesized
199 <400> SEQUENCE: 11
200 Arg Glu Thr Ile Glu Ser Thr Val
201   1           5
204 <210> SEQ ID NO: 12
205 <211> LENGTH: 11
206 <212> TYPE: PRT
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial
211      Sequence:source:synthesized
213 <400> SEQUENCE: 12
214 Gln Asn Phe Arg Thr Tyr Ile Val Ser Phe Val
215   1           5           10
218 <210> SEQ ID NO: 13
219 <211> LENGTH: 13
220 <212> TYPE: PRT
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Description of Artificial
225      Sequence:source:synthesized
227 <400> SEQUENCE: 13
228 Ser Asp Ser Asn Met Asn Met Asn Glu Leu Ser Glu Val
229   1           5           10
232 <210> SEQ ID NO: 14
233 <211> LENGTH: 15
234 <212> TYPE: PRT
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Description of Artificial
239      Sequence:source:synthesized
241 <400> SEQUENCE: 14
242 Pro Pro Thr Cys Ser Gln Ala Asn Ser Gly Arg Ile Ser Thr Leu
243   1           5           10           15
246 <210> SEQ ID NO: 15
247 <211> LENGTH: 15
248 <212> TYPE: PRT
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Description of Artificial
253      Sequence:source:synthesized
255 <400> SEQUENCE: 15
256 Ile Asp Leu Ala Ser Glu Phe Leu Phe Leu Ser Asn Ser Phe Leu
257   1           5           10           15
260 <210> SEQ ID NO: 16
261 <211> LENGTH: 15
262 <212> TYPE: PRT
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:

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266 <223> OTHER INFORMATION: Description of Artificial
267     Sequence:source:synthesized
269 <400> SEQUENCE: 16
270 Asp Ser Glu Met Tyr Asn Phe Arg Ser Gln Leu Ala Ser Val Val
271   1           5           10           15
274 <210> SEQ ID NO: 17
275 <211> LENGTH: 15
276 <212> TYPE: PRT
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: Description of Artificial
281     Sequence:source:synthesized
283 <400> SEQUENCE: 17
284 Ile Pro Pro Asp Ser Glu Asp Gly Asn Glu Glu Gln Ser Leu Val
285   1           5           10           15
288 <210> SEQ ID NO: 18
289 <211> LENGTH: 4
290 <212> TYPE: PRT
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Description of Artificial
295     Sequence:source:synthesized
297 <400> SEQUENCE: 18
298 Gln Ser Leu Val
299   1
302 <210> SEQ ID NO: 19
303 <211> LENGTH: 5
304 <212> TYPE: PRT
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence:source
309     synthesized
311 <400> SEQUENCE: 19
312 Ile Gln Ser Leu Val
313   1           5
316 <210> SEQ ID NO: 20
317 <211> LENGTH: 6
318 <212> TYPE: PRT
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial
323     Sequence:source:synthesized
325 <400> SEQUENCE: 20
326 Glu Ile Gln Ser Leu Val
327   1           5
330 <210> SEQ ID NO: 21
331 <211> LENGTH: 7
332 <212> TYPE: PRT
333 <213> ORGANISM: Artificial Sequence

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 Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:71 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:1621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33